

connection portion of each contact extending from said point into said slot toward said second free end such that said connection portion contacts the circuit board when said housing is mounted to a circuit board.

2. (Canceled)

3. (Canceled)

4. (Amended) A modular jack connector assembly comprising:

a dielectric housing having a front face and a rear face, said front face defining at least

one receptacle adapted for receiving a mating plug ~~The assembly of claim 1,~~

~~wherein said receptacle is configured to receive a mating plug that conforms to~~

~~the RJ standard, said rear face defining a transverse slot for receiving an edge~~

~~of a circuit board;~~

a plurality of contacts disposed in said housing, each contact having a first free end

and a second free end and being secured to said housing at a point between

said first and second free ends, each contact having a plug engaging portion

and a connection portion, said plug engaging portion of each contact extending

forward in said receptacle from said point to said free end such that said plug

engaging portion electrically connects with a mating plug when the mating

plug is received within said receptacle, said connection portion of each contact

extending from said point into said slot toward said second free end such that

said connection portion contacts the circuit board when said housing is mounted to a circuit board.

5. (Original) The assembly of claim 4, wherein said contacts have a normal force which is about 30% to about 80% below the RJ-standard for normal force.
6. (Original) The assembly of claim 4, wherein said contacts are less thick and more narrow than those conforming to RJ-standards.
7. (Original) The assembly of claim 6, wherein the thickness of said contacts is about 25 to about 75% below that required under the RJ-standards, and the width of said contacts is about 5 to about 15% below that required under RJ-standards.
8. (Original) The assembly of claim 4, wherein said receptacle is configured to receive plugs that conform to the RJ-11 standard
9. (Original) The assembly of claim 4, wherein said receptacle is configured to receive plugs that conform to the RJ-45 standard
10. (Original) The assembly of claim 9, wherein said contacts are sufficiently compliant such that if an RJ-11 plug is inserted fully into said receptacle, the elastic limit of said contacts is not exceeded.

11. (Original) The assembly of claim 1, wherein said contacts have a normal force less than about 50g.

12. (Original) The assembly of claim 1, wherein the thickness of said contacts is about 0.005 to about 0.014" and the width of said contacts is about 0.014 and about 0.016".

13. (Cancelled)

14. (Cancelled)

15. (Previously amended) A PCMCIA card comprising:

a card housing;

a circuit board mounted in said card housing; and

a modular jack connector assembly card-edge connected to said circuit board, said

modular jack assembly comprising:

a dielectric housing having a face and a rear face, said front face

defining at least one receptacle adapted for receiving a mating

plug, said rear face defining a transverse slot for receiving an

edge of a circuit board; and

a plurality of contacts disposed in said housing, each contact having a first free

end and a second free end and being secured to said housing at a point

between said first and second free ends, each contact having a plug

engaging portion and a connection portion, said plug engaging portion

of each contact extending forward in said receptacle from said point to said first free end such that said plug engaging portion electrically connects with a mating plug when the mating plug is received within said receptacle, said connection portion of each contact extending from said point into said slot toward said second free end such that said connection portion contacts the circuit board when said housing is mounted to a circuit board.

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Cancelled)

20. (Cancelled)

21. (Cancelled)

22. (Cancelled)

23. (Cancelled)

24. (Amended) ~~The assembly of claim 1,~~ A modular jack connector assembly comprising:  
a dielectric housing having a front face and a rear face, said front face defining at least  
one receptacle adapted for receiving a mating plug, said rear face defining a  
transverse slot for receiving an edge of a circuit board;  
a plurality of contacts disposed in said housing, each contact having a first free end  
and a second free end and being secured to said housing at a point between  
said first and second free ends, each contact having a plug engaging portion  
and a connection portion, said plug engaging portion of each contact extending  
forward in said receptacle from said point to said free end such that said plug  
engaging portion electrically connects with a mating plug when the mating  
plug is received within said receptacle, said connection portion of each contact  
extending from said point into said slot toward said second free end such that  
said connection portion contacts the circuit board when said housing is  
mounted to a circuit board, wherein each contact consists essentially of said  
first free end connected to an upwardly angled section, said upwardly angled  
section being connected to an elongated arm portion, said elongated arm  
portion being connected to said connection portion.
25. (Previously amended) The assembly of claim 24, wherein said connection portion is  
curved around a rear portion of said housing to anchor said contact in said housing.
26. (Previously amended) The assembly of claim 24, wherein said upwardly angled  
section extends from said first free end at an angle about 30 to 45 degrees from a lower wall

of said housing, and said elongated arm portion extends from said upwardly angled section at an angle of between about 5 to 15 degrees from said lower wall.

27. (Previously added) The assembly of claim 15, wherein said contacts have a normal force less than about 50g.

28. (Previously added) The assembly of claim 15, wherein the thickness of said contacts is about 0.005 to about 0.014" and the width of said contacts is about 0.014 and about 0.016".

29. (Previously added) The assembly of claim 15, wherein said housing comprises one receptacle.

30. (Previously added) The assembly of claim 15, wherein said housing comprises two or more receptacles.

31. (New) The assembly of claim 15, wherein each contact consists essentially of said first free end connected to an upwardly angled section, said upwardly angled section being connected to an elongated arm portion, said elongated arm portion being connected to said connection portion.

32. (New) The assembly of claim 31, wherein said connection portion is curved around a rear portion of said housing to anchor said contact in said housing.

33. (New) The assembly of claim 31, wherein said upwardly angled section extends from said first free end at an angle about 30 to 45 degrees from a lower wall of said housing, and said elongated arm portion extends from said upwardly angled section at an angle of between about 5 to 15 degrees from said lower wall.

34. (New) The assembly of claim 24, wherein said contacts have a normal force less than about 50g.

35. (New) The assembly of claim 24, wherein the thickness of said contacts is about 0.005 to about 0.014" and the width of said contacts is about 0.014 and about 0.016".

36. (New) The assembly of claim 24, wherein said housing comprises one receptacle.

37. (New) The assembly of claim 24, wherein said housing comprises two or more receptacles.

38. (New) The assembly of claim 1, wherein each contact consists essentially of said first free end connected to an upwardly angled section, said upwardly angled section being connected to an elongated arm portion, said elongated arm portion being connected to said connection portion.

39. (New) The assembly of claim 38, wherein said connection portion is curved around a rear portion of said housing to anchor said contact in said housing.

40. (New) The assembly of claim 38, wherein said upwardly angled section extends from said first free end at an angle about 30 to 45 degrees from a lower wall of said housing, and said elongated arm portion extends from said upwardly angled section at an angle of between about 5 to 15 degrees from said lower wall.
41. (New) The assembly of claim 4, wherein said housing comprises one receptacle.
42. (New) The assembly of claim 4, wherein said housing comprises two or more receptacles.
43. (New) The assembly of claim 4, wherein each contact consists essentially of said first free end connected to an upwardly angled section, said upwardly angled section being connected to an elongated arm portion, said elongated arm portion being connected to said connection portion.
44. (New) The assembly of claim 43, wherein said connection portion is curved around a rear portion of said housing to anchor said contact in said housing.
45. (New) The assembly of claim 43, wherein said upwardly angled section extends from said first free end at an angle about 30 to 45 degrees from a lower wall of said housing, and said elongated arm portion extends from said upwardly angled section at an angle of between about 5 to 15 degrees from said lower wall.